

Sahil Sharma

H/No. 1021 Preet Colony, Zirakpur (Punjab) India - 140603
9988291420 | sahilsharmazrk@gmail.com

Resume for the Post of Design Engineer

Objective

To have a growth oriented and challenging career. Where I can contribute my knowledge and skill to the organization and enhance my experience through continuous learning and team work.

Experience

International Tractors Limited (Sonalika) – Noida

June, 2021 - Till Date

Senior Executive – Design Engineer

Job Role & Responsibilities:

- Responsible for Tractor Design in Vehicle Design & Integration Department.
- Assigned with the Responsibility of creating 3D Models, 2D Drawings using Nx Software.
- Responsible for Piping & Routing Design for Hydraulics and Power Steering.
- Responsible for creating new products and improvement in the existing products.
- To find creative design solution to the problems.
- Create Drawings for Moke up.
- Ensure product design as per standard, user and environment friendly and cost effective.
- Assessing the usability, environmental impact and safety of the design.
- Analyze the Design data received from Digital Mock Up(DMU), Design Manufacturing Engineering(DME) and Computer Aided Engineering(CAE) and accordingly improve the design.
- Maintaining the design documents Unique Part List(UPL), Engineering Change Note(ECN), Engineering Development Note(EDN), Add/Delete, Engineering Release Note(ERN).

Cenlub Industries Limited - Faridabad

August, 2019 – April, 2021

Design Engineer

Job Role & Responsibilities:

- Responsible for complete Mechanical Designing of Lubrication System for the customers.
- Assigned with the responsibility of creating of Dimensional Drawings, Piping and Instrumentation Drawings, Main assembly Drawings, Part Drawings and complete Bill of Material for Lubrication Systems.
- To make quality design for the company as per customer need.
- Modification in the existing design.
- To identify solutions to improve product efficiency.
- To maintain design documentation.
- Use design software to develop models and drawings of new products.
- Product data analysis (Estimation, Planning and Deliveries).

Education

- **Rayat-Bahra University School of Engineering and Technology, Mohali.** July,2016 – May,2019
M.Tech in Mechanical Engineering – Thesis in Design Engineering
CGPA - 73.6%
- **Doaba Khalsa Trust Group of Institutions, Chhokran.** July,2012 – November,2015
B.Tech in Mechanical Engineering (Punjab Technical University)
CGPA - 67%
- **GGS Poly. College, Kharar, Mohali.** July, 2008 – August, 2012
Diploma in Mechanical Engineering (PTU)
CGPA - 54%
- **A.C National Public Sr. Sec. School, (PSEB)** March,2008
Matriculation
CGPA - 53 %

Technical Industrial Training in B.Tech

- Six week Automobile training at **H.R. Vehicles Pvt. Ltd(AMW).**
- Four months training in **Alcon wires and cables Industries.**

Software Proficiency

- **AutoCAD** – 2D Drafting, Detailing, and Dimensions as per GD&T
- **SolidWorks** – 3D Using Part Modeling, Assembly, Sheet Metal Design, Surface Design
- **Catia** – 3D Using Part Modeling, Assembly, Sheet Metal Design, Surface Design
- **Nx** - 3D Using Part Modeling, Assembly, Sheet Metal Design, Surface Design
- **Ansys** – Analysis using Static Structure, Steady-State Thermal

Research Papers and Publications

- First paper presented and published in national conference at GNA University, Jalandhar on the topic of **“Scavenging Process in Two Stroke IC Engine”**.
- Second research paper presented and published in international conference at Rayat Bahra University, Mohali on the topic of **“Analysis and Optimization of IC Engine Piston”**.
- Third research paper presented and published in international journal on the topic of **“Analysis & Optimization of IC Engine Connecting Rod”**.
- M.Tech research paper and Dissertation published in international journal on the topic of **“Analytical Study and Optimization of Connecting Rod by ANSYS”**.

Personal Vitae

- Father's Name Sandeep Sharma
- Date of Birth 17 August 1991
- Marital Status Single
- Nationality Indian
- Permanent Address 1021, Preet Colony, Zirakpur, Dist.-Mohali (Punjab).
- Current Location Noida

Declaration

I hereby declare that the above - mentioned information is correct up to my knowledge and I bear the Responsibility for the correctness of the above-mentioned particulars.

Date:.....

Place:.....

Sahil Sharma